

APPENDIX

GLOSSARY OF TERMS AND ABBREVIATIONS

AH	Authentication Header
ADSL	Asymmetric Digital Subscriber Line
ASP	Application Service Provider
AUI	Attachment Unit Interface
BOD	Bandwidth on Demand
CD	Compact Disk
DES	Data Encryption Standard used in IPSec
DSL	Digital Subscriber Line
EPLD	Electrically Programmable Logic Device
ESP	Encapsulating Security Payload -
FIFO	First in First Out
GRE	Generic Router Encapsulation – a method of encapsulating layer 3 protocols over IP networks. GRE provides tunneling of layer 3 protocols.
IEEE	Institute of Electrical and Electronic Engineers
IETF	Internet Engineering Task Force
IP	Internet Protocol – the layer 3 protocol for the Internet
IPSec	Internet Protocol Security – a protocol for providing security services on IP networks. IPSec provides encryption and authentication services for a packet on an IP network. IPSec has two modes transport mode and tunnel mode.
ISDN	Integrated Services Digital Network
ISP	Internet Service Provider
KBPS	Kilo Bits Per Second
LAN	Local Area Network
L2F	Layer 2 Forwarding Protocol – a tunneling protocol using data link protocols such as ATM or Frame Relay.

L2TP	Layer Two Tunneling Protocol – a protocol derived from the PPTP protocol and L2F. The L2TP carries the PPP protocol traffic over non-point-to-point networks, such as the Internet.
MBPS	Mega Bits Per Second
MIPS	Millions of Instructions per second
ML-PPP	Multi-link Point-to-Point Protocol – a protocol that allows bundling of PPP connections onto a virtual link in order to increase bandwidth of the connection between the systems that are PPP connected.
NDR	Network Directed Routing
NIC	Network Interface Controller
PC	Personal Computer
PoP	Point of Presence – a point in the public switched telephone network used by the ISP to receive remote access requests
PPP	Point-to-Point Protocol – a datalink layer protocol for point-to-point connections. The PPP Protocol has three internal layers, the media dependent layer, the services layer and the multiplex layer. PPP is typically used to provide remote access over dial-up lines such as traditional phone lines and ISDN.
PPTP	Point-to-Point Tunneling Protocol – an earlier protocol than L2TP that specifies the tunneling of PPP. Tunneling is a method of encapsulating a lower level protocol in a higher level protocol.
PSTN	Public Switched Telephone Network
RAM	Random Access Memory
RFC	Request For Comments
TCP/IP	Transmission Control Protocol/Internet Protocol
3DES	Triple DES – a standard encryption method for IPsec
SDRAM	Synchronous Dynamic Random Access Memory
UART	Universal Asynchronous Receiver/Transmitter
UDP	User Data Protocol – a layer four protocol used on the Internet
T/A	Terminal Adapter

VPN Virtual Private Network – a network that simulates the properties of a private network using the facilities of a public network.

WAN Wide Area Network

003T2T"46404260